

**IN THE CLAIMS**

Please amend the claims as follows:

- 1-5. (Canceled)
6. (Currently Amended) A cold pack comprising:  
an enclosure;  
a solute within said enclosure;  
a liquid within said enclosure;  
a membrane segregating said liquid from said solute, wherein rupturing said membrane mixes said liquid with said solute to produce an endothermic solution within said enclosure; and  
an absorbent core within said enclosure, said absorbent core being formed at least partially of a fibrous material that retains retaining said endothermic solution within said enclosure to spread said endothermic solution throughout the interior of said enclosure.
7. (Original) The cold pack of claim 6 wherein said solute is a powdered solute.
8. (Original) The cold pack of claim 6 wherein said absorbent core is an absorbent layer.
9. (Original) The cold pack of claim 6 wherein said membrane segregates the liquid from the absorbent core.
10. (Original) The cold pack of claim 9 wherein rupturing said membrane causes said endothermic solution to be retained by said absorbent core.
11. (Original) The cold pack of claim 6 wherein said membrane is polyethylene.

12. (Currently Amended) A cold pack comprising:

an enclosure;

a powdered solute within said enclosure;

a liquid within said enclosure;

a membrane segregating said liquid from said powdered solute, wherein rupturing said membrane mixes said liquid with said powdered solute to produce an endothermic solution within said enclosure; and

an absorbent core within said enclosure, said absorbent core being formed at least partially of a fibrous material that retains retaining said endothermic solution within said enclosure to spread said endothermic solution throughout the interior of said enclosure.

13. (Original) The cold pack of claim 12 wherein said powdered solute is substantially between 0.001 and 0.025 inches.

14. (Original) The cold pack of claim 12 wherein said membrane segregates the liquid from the absorbent core.

15. (Original) The cold pack of claim 14 wherein rupturing said membrane causes said endothermic solution to be retained by said absorbent core.

16. (Original) The cold pack of claim 15 wherein substantially all of said powdered solute is dissolved in said liquid to form said endothermic solution before said endothermic solution is retained by said absorbent core.

17-28. (Canceled)

29. (Previously Presented) The cold pack of claim 6 wherein said liquid is water.

30. (Previously Presented) The cold pack of claim 6 wherein said solute is ammonium nitrate.

31. (Previously Presented) The cold pack of claim 8 wherein said absorbent layer is pulp fiber.
32. (Previously Presented) The cold pack of claim 8 wherein said solute is interspersed throughout said absorbent layer before said membrane is ruptured.
33. (Previously Presented) The cold pack of claim 12 wherein said absorbent core is an absorbent layer.
34. (Previously Presented) The cold pack of claim 33 wherein said absorbent layer is pulp fiber.
35. (Previously Presented) The cold pack of claim 33 wherein said powdered solute is interspersed throughout said absorbent layer before said membrane is ruptured.
36. (Previously Presented) The cold pack of claim 12 wherein said liquid is water.
- 37-39. (Canceled)